

Investigation of the Mechanism of the
Polyethylene Glycol Effect in Photo-
graphic Emulsions and Developers, by
V. I. Sheverstov.

RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 3, 1967, pp 207-216.
NLL Ref: 5828.4F (12984)

Sci-Meth & Equip
May 69

380,849

Electrophotographic Properties of Sublimated Cadmium Chalcogenide Layers, by Yu. A. Xherkasov.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 12, No 3, 1967, pp 227-228.
NLL Ref: 5828.4F (12980)

Sci-Phys
May 69

380,834

Investigation of the Precipitation of
Gelatin from Its Solution with Esters
of Sulfosuccinic Acid, by L. M. Bagdan-
ov.

RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 4, 1967, pp 241-245.

NLL Ref: 5828.4F (12999)

Sci-Chem
May 69

380,715

Investigation of the Effect of Some 6-
alkyl-substituted Traizaindolizine on
the Spectral Sensitization of Photo-
graphic Emulsion, by M. V. Mishakova.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
No 4, 1967, pp 245-254.
NLL Ref: 5828.4F (12996)

Vol 12

Sci-Phys
May 69

380,844

The Possibility of Improving the Signal-
to-noise Ratio of Photographic Image, by
M. A. Aingorn.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 12, No 4, 1967, pp 255-263.
NLL Ref: 5828.4F (12995)

Sci-Meth & Equip
May 69

829
380,222

Some Quantitative Relationships of Gold
Sensitization, by I. A. Novikov,
N. N. Gabitova.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 12, No 4, 1967, pp 264-266.
NLL Ref: ~~129945~~ (12994)

Sci-Phys
May 69

380,845

Processing of Nuclear Emulsions with a
Magneto-strictive Ultrasonic Transducers,
by A. B. Akopova.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 12, No 4, 1967, pp 266-271.
NLL Ref: 5828.4F (12993)

Scu-Nucl Sci
May 69

380,832

Method of Identification of N-(3', 5'-
dicarboxyphenyloctadecylamide) of 1-
hydroxy-2-naphtoic Acid Color Coupler,
by N. Ye. Chebotareva.

RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 4, 1967, pp 272-274.

NLL Ref: 5828.4F (12992)

Sci-Chem
May 69

380,712

Photo-Observation Device of Great Magnification,
by I. A. Tel'tevskiy, I. A. Chernyy. 9 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotoigrafii i Kinetografii, Vol 12, No 4,
1967, pp 274-279.
AIR/FTD/HH-23-341-68

sci/methods
may 69

380,120

Comparing the Kinetics of Aging of Photographic Emulsions and the Kinetics of Fading of the Latent Image, by A. L. Kartuzhanskiy, A. F. Yruchenko. RUSSIAN, per, Zh Nauch Prikl Fot Kinemat, Vol 12, No 4, 1967, pp 279-288. NLL Ref: 5828.4F (13017)

Sci-Phys
May 69

380,836

Finishing (Chemical Ripening) Fog of Photographic
Emulsion, by O. V. Pyanetskaya.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 12, No 4, 1967, pp 288-291.
NLL Ref:5828.4F (M.13438)

Sci-Phys
Feb 70

401,592

Electrophotographic and Photoelectric Sensitivity
of Layers of the Selenium-Arsenic-Thallium-System,
by Yu. A. Cherkasov.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kinetmat,
Vol 12, No 4, 1967, pp 295-296.
ATS RJ-5192

NLL Ref: 5828.4F (M. 13118)

Sci-Phys
July 69

385,534

Mechanism of Formation of the Latent Photographic
Image in Silver Bromide and Silver Iodobromide
Emulsions, by V. M. Belous.
RUSSIAN, per, Zh Nauch i Prikl Foto i Kinemat, Vol 12,
No 4, 1967, pp 297-298.
NLL Ref: 5828.4F (M 13322)

Sci/Meth & Equip
Dec 69

398,265

Evaluation of the Photographic Emulsion Modulation Transfer Function Using Rectangular Test Objects, by A. I. Veitsman, K. V. Vendrovskiy.

RUSSIAN, per, Zh Nauch Prikl Fot Kinemat, Vol. 12, No 4, 1967, pp 303-306.

NIL Ref: 5828.4F (M.13116)

Sci-Meth & Equip
Sept 69

391,088

Rapid Method for Determining the Emulsion Grain Size
and Frequency Distribution, by I. G. Minkevich,
K. V. Vendrovskiy.
RUSSIAN, per, Zh Nauch i Prik Foto i Kinemat, Vol 12,
No 5, 1967, pp 328-337.
NLL Ref: 5828.4F (M 13323)

Sci/Meth & Equip
Dec 69

398,274

Frequency Characteristics of Imbition (Dye) Trans-
fer, by A. I. Veitsman.

RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foti-
grafii i Kinenatografii, Vol 12, No 5, 1967,
pp 337-339.

CIA X-6752

ALL Ref: 5828.4 F (M 13324)

Oct 68

368,273

Investigation of the Elemental Composition of
Nuclear Emulsions, by K. S. Bogomolov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 12, No 5, 1967, pp 349-352.
NLL Ref: 5828.4F (M 13291)

Sci-~~XXXXXXXX~~ Meth & Equip
Nov 69

395,713

Effect of an Electric Field on the Photographic
Properties of Emulsions, by M. Z. Peskova.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kineemat,
Vol 12, No 5, 1967, pp 352-357.
NLL Ref: 5828.4F (M 13290)

Sci-Meth & Equip
Nov 69

395,714

Comparative Investigation of the Luminescence
and Photographic Properties of "Silver Bromide
and Silver Bromo-Iodide Photographic Emulsions,
by V. M. Belous.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii, i Kinematografii, Vol 12, No 5, 1967,
pp 358-360.
NTC-70-13190-14E

Feb 72

Effect of Polyethylene Glycol on the Development of Silver Bromide and Silver Iodobromide Photographic Emulsions, by V. I. Sheberstov, T. G. Ovechkina.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i Kinemat, Vol 12, No 5, 1967, pp 362-364.

MC-69-16265-14E

Sci-Meth & Equip
Feb 70

402,897

Method of Photographic Diffusimetry and its
Application for Evaluating Photographic Film
Sharpness, by G. G. Gribakin, G. A. Istomin.
RUSSIAN, per, Zh Nauch i Prik Foto i Kinemat, Vol 12,
No 5, 1967, pp 364-366.
NLL Ref: 5828.4F (M 13325)

Sci/Meth & Equip
Dec 69

398,269

The Position of the Maxima of the Fine-
Structure in Absorption Spectra of Certain
Subjects, by A. N. Latyshev, T. A. Nechaeva.
RUSSIAN, per, Zh. Nauch. i Prikl. Fot. i
Kinemat., Vol 12, No 6, 1967, pp 422-427.
NLL Ref: 5828.4F (12845)

Sci-Chem
Jan 69

373,655

Measurement of Granularity on Rotating
Samples of Photographic Materials, by
I. G. Minkovich, K. V. Vendrovskiy.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 6, 1967, pp 427-431.
NLL Ref: 5828.4F (13011)

Sci-Methods & Equip
May 69

380,843

Equilibrium Optical Density Formed when
the Latent Photographic Image is Ex-
posed to Long Wavelength Radiant Energy,
by V. N. Zaitsev, B. I. Kazantsev.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 6, 1967, pp 431-436.
NLL Ref: 5828.4F (13010)

Sci-Nucl Sci
May 69

380k854

Experimental Investigation of the Frequency
Characteristics of the Transfer of Dye
on Blank Film, without Figer, by
A. I. Voitman.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 12, No 6, 1967, pp 451-456.
NLL Ref: 5828.4F (13007)

Sci-Meth & Equip
May 69

380,851

Form of the Air Gap Between the Support
and the Wetting Liquid at Kinetic Wett-
ing, by V. G. Gimpelson, S. M. Levi.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 6, 1967, pp 457-458.
NLL Ref: 5828.4F (13005)

Sci-Phys
May 69

380,677

Investigation of the Mechanism of Energy
Transfer in the Spectral Sensitization
Phenomenon, by I. A. Akimov,
A. V. Shablya.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 6, 1967, pp 459-462.
NLL Ref: 5828.4F (13006)

Sci-Phys
May 69

380,831

Effect of Some Phenyl Derivatives of the
Elements of the V Group of Periodic Table
on the Photographic Properties of Sensi-
tized Emulsions, by M. A. Akhmedzyanov.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 12, No 6, 1967, pp 462-463.
NLL Ref: 5828.4F (13004)

Sci-Neth & Equip
May 69

380,830

Investigation of the Effect of Triazenes
on Photographic Emulsions, by
L. F. Avramenko.

RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 13, No 1, 1968, pp 3-13.
NLL Ref: 5828.4F (12956)

Sci-Phys
May 69

380,833

Recovery of Silver from Wash Waters by
Ionic Exchange Chromatography, by
A. B. Davankov, et al.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 1, 1968, pp 14-19.
NLL Ref: 5828.4F (12957)

Sci-Chem
May 69

380,703

Determination of Optical Characteristics of Desert
Landscape for Aerial Photographic Processes, by
A. Ya. Smirnov, Ye. G. Ivkina.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foto-
grafii i Kineematografii, Vol 13, No 1, 1968,
pp 19-24.
CIA X-6749

Oct 68

368,276

Possibilities of a Sensitometric System
in Electroradiography, by
R. A. Kavalyayskas, I. V. Syrelevich.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 1, 1968, pp 24-28.
NLL Ref: 5828.4F (12959)

Sci-Elec
May 69

380,839

Some Characteristics Properties of the Reaction of
Latensification of Latent Image Centers with Gold,
by N. P. Kocherov.

RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foto-
grafiy i Kinenatografiy, Vol 13, No 1, 1968,
pp 28-30.

CIA X-6747

Oct 68

368,278

Objective Testing of Motion Picture Projector
lenses, by N. B. Ol'vovskaya.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foto-
grafiy i Kinesmatografii, Vol 13, No 1, 1968,
pp 31-35.
CIA X-6751

Oct 68

368,274

Investigation of Chemical Sensitization with Gold,
by L. P. Mel'nichuk, Zh. L. Kroun.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foto-
grafiy i Kinematografiy, Vol 13, No 1, 1968,
pp 36-38.
CIA X-6748

Oct 68

368,277

Mechanism of Dyeing Gelatin Layers, by
G. V. Velichko.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat,
Vol 13, No 1, 1968, pp 39-43.
NLL Ref: 5828.4F (12966)

Sci-Meth & Equip
May 69

380,852

Electron-Acceptor Capacity and Photographic
Properties of Some Thia-tricarboyanine
Dyes, by A. S. Kheinman.
RUSSIAN, per, Zh Nauch Prik Fot Khimiat ,
Vol 13, No 1, 1968, pp 44-46.
NLL Ref: 5828.4F (12963)

Sci-Math & Equip
May 69

380,840

Effect of Polyethylene Glycol on the
Redox Potential of the $\text{Fe}^{2+}/\text{Fe}^{3+}$ De-
veloping System, by V. I. Sheberstov,
T. G. Ovechkina.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 1, 1968, pp 47-48.
NLL Ref: 5828.4F (12964)

Sci-Meth & Equip
May 69

380,848

Photographic Identity of Separate Emulsion
Grains, by I. M. Kuku.

RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 1, 1968, pp 50-51.

NLL Ref: 5828.4F (12977)

Sci-Phys
May 69

380,841

Request translation check 7-11-11 BT69-PC-1019T

Transfer function of spectrozonal serial films

A Ya Smirnov, V F Nomokonova

Zhurnal nauchnoy i prikladnoy fotografii i kinematografii
v 13, nr 1, 51-52

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Resolving Power of High Resolution Photo-
graphic Materials, by P. Kh. Pruss.
RUSSIAN, per, Zh Nauch Prik Matematika,
Vol 13, No 1, 1968, pp 52-54.
NLL Ref: 5828.4F (12978)

Sci-Meth & Equip
May 69

380,847

Radioluminescence of Photographic Film
Support, by A. L. Kartuzhanskiy.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 1, 1968, pp 55-56.
NLL Ref: 5828.4F (12967)

Sci-Phys
May 69

380,837

Achievements and the State of Soviet Nuclear
Photography, by A. I. Kartuzhanskiy.
RUSSIAN, per, Zh Nauch i Prik Foto i Kinemat, Vol 13,
No 1, 1968, pp 57-69.
NLL Ref: 5828.4F (M 13320)

Sci/Meth & Equip
Dec 69

398,270

Work of Soviet Scientists Studying the Effect of
Light on Silver Halide Crystals and Photographic
Emulsions; and the Nature of Light Sensitivity of
Photographic Emulsions, by P. V. Meyklyar.
RUSSIAN, per, Zh Nauch i Prik Foto i Kinetat.
Vol 13, No 1, 1968, pp 69-77.
NLL Ref: 5828.4F (N 13321)

Sci/Meth & Equip
Dec 69

598,273

Investigation of the Effect of Triazenes on Photographic Emulsion, by N. M. Ivanov, V. Ya. Pochinok.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Fotografii i Kinetografii, Vol 13, No 2, 1968,
pp 81-85.
CIA X-6746

Oct 68

368,279

Reactions of Photographic Gelatin with
Polymer Coagulation, by N. A. Petrova.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 2, 1968, pp 86-88.
NLL Ref: 5828.4F (19973)
12973

Sci-Meth & Equip
May 69

380,846

Reciprocity Failure Curves of Electrophotographic
ZnO Layers, by V. Gaydelis.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kinemat,
Vol 13, No 2, 1968, pp 89-91.

ATS RJ-5185

NLL Rg: 5828.4 FCM 13312)

Sci-Phys
July 69

385,528

Effect of Polymer Bases on Mordanting Acid Dyes
in Gelatin Layers, by N. V. Pruglo.
RUSSIAN, per, Zh Nauch Prikl Fot Kinemat, Vol 13,
No 2, 1968, pp 96-99.
NLL Ref: 5828.4F (M 13313)

Sci/Mat
Dec 69

398,275

Investigations of the Luminescence of Photographic
Silver Bromoiodine Emulsion, by V. M. Bolous, et al.
RUSSIAN, per, Zh Nauch i Prikl Foto i Kinemat, Vol 13,
No 2, 1968, pp 99-101.
NLL Ref: 5828.4F (M13314)

Sci/Meth & Equip
Dec 69

398,266

Standard Sensitometric Light Sources and a New
Artificial Average Daylight Filter Correspond-
ing to the Requirements of GOST 10691-63
Standard, by N. A. Balabukha.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 2, 1968, pp 105-108.
NLL Ref:5828.4F (M.13431)

Sci-Meth & Equip
Feb 70

400,446

Investigation of 4-aminopyrazol-5-ones, by
D. B. Shamilskaia.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 2, 1968, pp 110-112.
NLL Ref:5828.4F (M.13422)

Sci-Chem
Feb 70

401,496

Color Separation Characteristics of
Psychologically (subjectively) Accurate
four-color Images, by L. F. Artyushin.
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 2, 1968, pp 113-119.
NLL Ref: 5828.4F (12970)

Sci-Phys
May 69

380,684

Tendency of the Second Kind of Asymmetric Dyes
to Sensitization, by Ye. B. Lifshits.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 2, 1968, pp 119-122.

NLL Ref:5828.4F (M.13433)

Sci-Materials
Feb 70

401,555

Interaction of Electrons of Average Energies with
Thin Thermoplastic Layers, by N. G. Nakhodkin,
V. P. Nemtsev, 9 pp,
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy Foto-
grafiy i Kinematografii, Vol 13, No 2, 1968,
pp 122-127,
AIR/FTD/MT-24-427-69

Sci-Phys

Effect of Chemical Ripening on the Photo-
electromotive Force of Emulsion Layers,
RUSSIAN, per, Zh Nauch Prik Fot Kinemat,
Vol 13, No 2, 1968, pp 128-130.
NLL Ref: 5820.4F (12971)

Sci-Meth & Equip
May 69

380,853

Dependence of the Resolving Power of Photographic
Papers Upon the Aperture of the Resolving
Power Camera Lens, by Yu. N. Gorokhovskiy,
T. A. Lomachenkova.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 130-131.

NTC-69-16221-14E

Sci-Meth & Equip
Feb 70

402,887

New Type of Fading of the Latent Image in
Nuclear Emulsions at Liquid Helium Tempera-
ture, by V. I. Matvyenko, K. A. Petrzhak.
RUSSIAN, Per, Zh Nauch i Prik Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 132-133.
MTC-69-16111-14E

Sci-Meth & Equip
Feb 70

402,873

The Obtainment of Holograms of a Live Diffuse Object by Means of a Single-Mode Ruby Laser, by D. I. Stasel'ko.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kinemat, Vol 13, No 2, 1968, pp 135-136.

ATS RJ-5184

Sci-Phys
July 69

385,527

The Correctness of the Application of Gaussian
Distribution for Evaluating the Random Devia-
tions of the Optical Density of Developed
Photographic Image, by S. B. Gurevich.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 137-138.
NTC-69-16213-14E

Sci-Meth & Equip
70

402.885

Non-emulsion Photographic Layers for Preparing
Images of Individual Nuclear Particle Tracks,
by A. L. Kartuzhanskiy, V. Ye. Privalova.
RUSSIAN, per, Zhurnal Nauch i Prik Fotogr i
Kinemat, Vol 13, No 2, 1968, pp 139-145.
NTC-69-16256-148

Sci-Meth & Equip
Feb 70

402,890

Conference on the Problems of Aging and Stabilization of Photographic Emulsions, by
A. S. Kheynman.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 2, 1968, pp 145-149.
NIL Ref:5828.4F (M.13346)

Sci-Phys
Feb 70

401,583

Reaction of Inert (noble) Metals Salts with
Gelatin, by L. P. Melnichuk.
RUSSIAN, per, Zh Nauch i Brik Fot i Kinemat,
Vol 13, No 3, 1968, pp 153-157.
NLL Ref:5828.4F (M.13420)

Sci-Chem
Feb 70

401,491

Investigation of the Hardening of Gelatin
Emulsion Layer, by Ye. D. Korneva.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 157-160.
NLL Ref:5828.4F (M.13347)

Sci-Phys
Feb 70

401,584

Some Possibilities of Increasing the Efficiency
of Streak-cameras and Spectro-chronographs, by
Yu. P. Shchepetkin.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1963, pp 161-165.
NLL Ref:5828.4F (M.13348)

Sci-Meth & Equip
Feb 70

401,480

Ionic Equilibrium of Chromic Acid System, by
V. A. Veidenbakh, G. G. Malygina.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 165-167.
NLL Ref:5828.4F (M.13349)

Sci-Chem
Feb 70

401,475

Mathematical Determination of the Parameters
of Optimum Masking of Color Negative Films,
by L. F. Artyushin.

RUSSIAN, per, Zh Nauch ~~EPK~~ Fot i Kinemat,
Vol 13, No 3, 1968, pp 168-174.

NLL Ref:5828.4F (M.13416)

Sci-Meth & Equip
Feb 70

401,574

Investigation of Chemical Sensitization with
Gold, by Zh. L. Broun, K. V. Chibisov.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 174-178.
NLL Ref:5828.4F (M.13350)

Sci-Chem
Feb 70

401,471

Kinetics of the Dark Decay of Charge of Electro-
photographic Zinc Oxide Layers, by
V. I. Gaidelis.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 186-191.
MLL Ref:5828.4F (M.13351)

Sci-Phys
Feb 70

401,570

Evaluation of the Optical Properties of a
Motion Picture Projector Lens According to
Frequency-contrast Characteristics, by
M. B. Olvovskaya.

RUSSIAN, per, Zh Nauch i Prik Fot i Kinemat,
Vol 13, No 3, 1968, pp 191-196.
NLL Ref:5828.4F (N.13352)

Sci-Meth & Equip
Feb 70

401,449

Effect of Iodide Ions on Photographic Properties
of Silver Chloride Emulsions, by V. V. Andreyanov,
A. N. Yordanskiy.

RUSSIAN, per, Zh Nauch i Prik Fot i Kinemat,

Vol 13, No 3, 1968, pp 196-200.

NLL Ref:5828.4F (M.13353)

Sci-Mth & Equip
Feb 70

401,573

Determination of Frequency-contrast Characteristics of Photographic Emulsions, by
A. F. Mel'kanovich, V. V. Mineyev.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 200-202.
NIC-69-16247-14E

Sci-Meth & Equip
Feb 70

402,889

Thermodynamic Theory of Photographic Process,
by Ye. A. Galashin.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 3, 1968, pp 203-210.

NLL Ref:5828.4F (M.13384)

Sci-Phys

Feb 70

401,571

Fixing-washing Apparatus for Processing Pellicle
Stacks, by V. V. Barabov.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 212-214.

NTC-69-16262-14E

Sci-Meth & Equip
Feb 70

402,896

Granularity Spectra of Black-and-white Motion
Picture Films, by M. A. Aingorn.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 214-215.

NTC-69-16261-14E

Sc-Meth & Equip

Feb 70

401,895

Effect of Polyethylene Glycol on Silver Bromide
and Silver Iodo-bromide Photographic Emulsions,
by A. M. Churayeva, S. M. Rychkova.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 216-217.
NTC-69-16260-14E

Sci-Meth & Equip
Feb 70

401,894

Effect of Peroxide Compounds on the Hardening
Development Process, by L. V. Krasnyi-Admoni.
RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 218-219.
NTC-69-16259-14E

Sci-Meth & Equip
Feb 70

401,893

Photographically Active Surface Layer of
Silver Halide Emulsion Grains, by
Ye. V. Kal'manson.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 219-221.

NTC-69-16258-14E

Sci-Meth & Equip
Feb 70

401,892

Effect of Silver Iodide of Photographic
Emulsion on Macro-grainness Depending Upon
the Nature of Developing Agent, by

I. M. Kilinskiy, T. Ye. Klanner.

RUSSIAN, per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 222-224.

NTC-69-16257-14E

Sci-Meth & Equip
Feb 70

401,891

Luminescence Investigations of the Role of
Silver Sulfide Complexes in the Formation
of Photographic Sensitivity of Silver
Halide Emulsions, by V. M. Belous.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 3, 1968, pp 224-226.
NTC-69-16108-14E

Sci-Meth & Equip
Feb 70

402,872

Photography of High-pressure Water Jets
Exposed to the Illumination of Nitrogen
Share Pulse Lamp, by N. N. Negodayev,
V. G. Yushkov.

RUSSIAN, per, Zh Nauch i Prik Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 241-245.
NTC-69-16107-14E

Sci-Meth & Equip
Feb 70

402,871

Role of Potassiumiodide in the Physical Ripening
of Emulsions, by K. M. Ginzburg.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 246-252.
NLL Ref:5828.4F (M.13371)

Sci-Phys
Feb 70

401,581

Investigation of the Hardening Development
Process, by Ye. F. Rul.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 252-259.
NLL Ref:5828.4F (M.13342)

Sci-Phys
Feb 70

401,594

Optimization of Singal/Noise Ratio on Photo-
graphic Images of Weak Spectral Lines, by
M. A. Aingorn.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 13, No 4, 1968, pp 265-270.

MC 69-15693-14E

NLL R-f - 5828.4 FC (M. 13450)

Sci-Meth & Equip
Dec 69

398,456

Effect of the Electrical Conductivity of the Paper
Base of an Insulator on the Electrophotographic
Image in a Two-Layer "Photoconductor-Insulator"
System, by L. G. Vinokurov.
RUSSIAN, per, Zh Nauchn i Prik Fotogr i Kinematogr,
Vol 13, No 4, 1968, pp 271-273.
ATS RJ-5186

Sci/Phys
July 69

385,529

Effect of the Amount of Silver Iodide in
Emulsions on the Photographic Image Quality,
by V. L. Zelikan.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 273-276.
NLL Ref:5828.4F (M.13373)

Sci-Meth & Equip
Feb 70

401,601

Comparison of Silver Halide Photolysis and
Formation of Latent Image, by Zh. L. Droun,
K. V. Chibisov.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kenemat,
Vol 13, No 4, 1968, pp 276-279.

NIL Ref:5828.4F (M.13374)

Sci-Meth & Equip

Feb 70

401,577

Photographic Properties of Some Symmetric and
Asymmetric Benzimidazolocarboyanines Contain-
ing Trifluoromethylsulfonyl Group, by
Ye. N. Lifshits.

RUSSIAN, per, ZhNauch i Prik Fot i Kinemat,
Vol 13, No 4, 1968, pp 280-286.
NLL Ref:5028.4F (M.13359)

Sci-Phys
Feb 70

401,586

Luminescence Investigations of the Photographic
Emulsion Solid Phase Formation Process, by
V. M. Belous, L. P. Melnichuk.
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 286-289.
NLL Ref:5828.4F (M.13375)

Sci-Meth & Equip
Feb 70

401,575

Dependence of the Desensitizing Effect of Dyes
Upon the Emulsion Grain Size, by
Z. P. Delucheva, P. V. Meiklyar.
RUSSIAN, per, Zh Nauch Prikl Fot i Kinemat,
Vol 13, No 4, 1968, pp 289-291.
NLL Ref:5828.4F (M.13376)

Sci-Phys
Feb 70

401,568